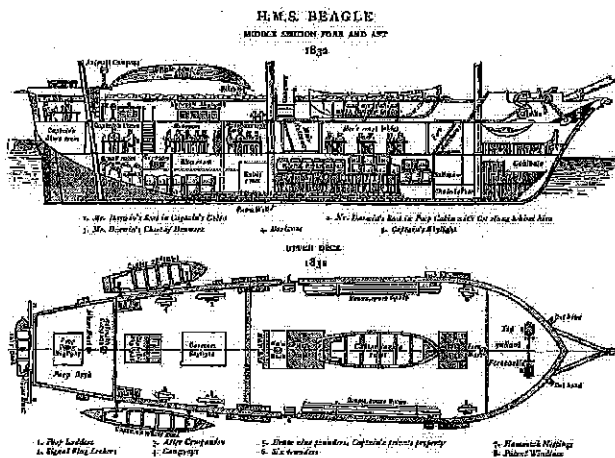


Name:

Period:

Date:

Video: Darwin's Dangerous Idea



This video is the opening episode of the PBS *Evolution* series. This episode is long, so we will view it over two periods. This worksheet covers the full video.

Please answer the following questions on your own, using your own knowledge and information from the video (1 pt. each, 30 pts total):

1. In the opening scene in South America, what is Darwin purchasing?
2. Why was Darwin's idea dangerous?
3. What does Darwin say armadillo tastes like?
4. Richard Owen studied and identified the fossils Charles Darwin sent back to England. Did he agree with Darwin's conclusions?
5. What does Erasmus Darwin call "the mystery of mysteries"?
6. How does Darwin describe the relationship of all living things (instead of a ladder)?
7. (In the scenes set in Ecuador in 2000) Why is Chris Schneider studying different animals in Ecuador?
8. What is the praying mantis disguised as?
9. Why might animals in the mountains be different from those near sea level?

10. What was one important idea Darwin didn't understand?

11. How often does Malthus say human population could double?

12. If each frog lays 10,000 eggs, why aren't we up to our eyebrows in frogs?

13. What is one example of natural selection we see happening now?

14. What new experimental strategy for treatment of HIV takes the evolution of the virus into account?

15. Why do we have a blind spot in the back of our eyes?

16. Are there different types of eyes that vary in complexity?

17. Why did Darwin spend so many years studying mollusks and pigeons?

18. What event caused Darwin to finally publish his work?

19. How well was Darwin's *Origin of Species* received?

20. What was Huxley's opinion of Owen's research on the human brain?

21. What two pieces of evidence does David Page mention that shows how related we are to chimpanzees?

22. About how similar is our DNA to that of chimps?

23. What is Sally Boysen trying to find out by studying chimp behavior?

24. Who was Darwin buried near in Westminster Abbey?

Thought Questions:

(4 pts) Describe the main points of the theory of natural selection:

(2 pts) Why do you think Darwin was at first reluctant to publish his theory of natural selection?